

I. AMENDMENTSAmendments to the Claims:

The following listing of claims replaces all prior versions and listings of claims in the application:

1-126. (Canceled)

127. (Previously presented) A preparation comprising protein molecules, said preparation including heparanase (endo- β -D-glucuronidase) protein, said heparanase protein having heparanase catalytic activity or being cleavable so as to acquire said heparanase catalytic activity, wherein said heparanase protein comprises SEQ ID NO: 10, provided that said amino acid sequence has a phenylalanine residue instead of a tyrosine residue at position 246, and wherein said preparation is pure enough to elicit anti-heparanase antibodies.

128. (Canceled)

129. (Currently amended) A purified heparanase protein comprising SEQ ID NO: 10, provided that said amino acid sequence has a phenylalanine residue instead of a tyrosine residue at position 246.

130-133. (Canceled)